

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
6 November 2003 (06.11.2003)

PCT

(10) International Publication Number
WO 03/090542 A1

(51) International Patent Classification⁷: **A01N 63/00**

(21) International Application Number: PCT/DK03/00273

(22) International Filing Date: 25 April 2003 (25.04.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
PA 2002 00625 25 April 2002 (25.04.2002) DK
PA 2002 01278 30 August 2002 (30.08.2002) DK

(71) Applicant (for all designated States except US):
NOVOZYMES A/S [DK/DK]; Krogshøjvej 36, DK-2880
Bagsværd (DK).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **DANIELSEN**,
Steffen [DK/DK]; Holsteinsgade 12A, 4th, DK-2100
Copenhagen Ø (DK). **CHRISTENSEN**, Bjørn, Eggert
[DK/DK]; Espegårdsvej 1, DK-2880 Bagsværd (DK).
SCHNEIDER, Palle [DK/DK]; P.D. Jensens Vej 11,
DK-3540 Lyngby (DK).

(74) Common Representative: **NOVOZYMES A/S**;
Krogshøjvej 36, DK-2880 Bagsværd (DK).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD,
SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US,
UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: METHODS AND COMPOSITIONS FOR KILLING SPORES

(57) **Abstract:** The invention provides a sporocidal composition comprising a laccase or a compound exhibiting laccase activity, a source of oxygen, a source of iodide ions and an enhancing agent. A method of killing or inactivating spores and a method of decontaminating a location, which has been exposed to spores, are also disclosed.

WO 03/090542 A1